MASSACHUSETTS ALL-PAYER CLAIMS DATABASE

OVERVIEW

August 2014

CHIA.

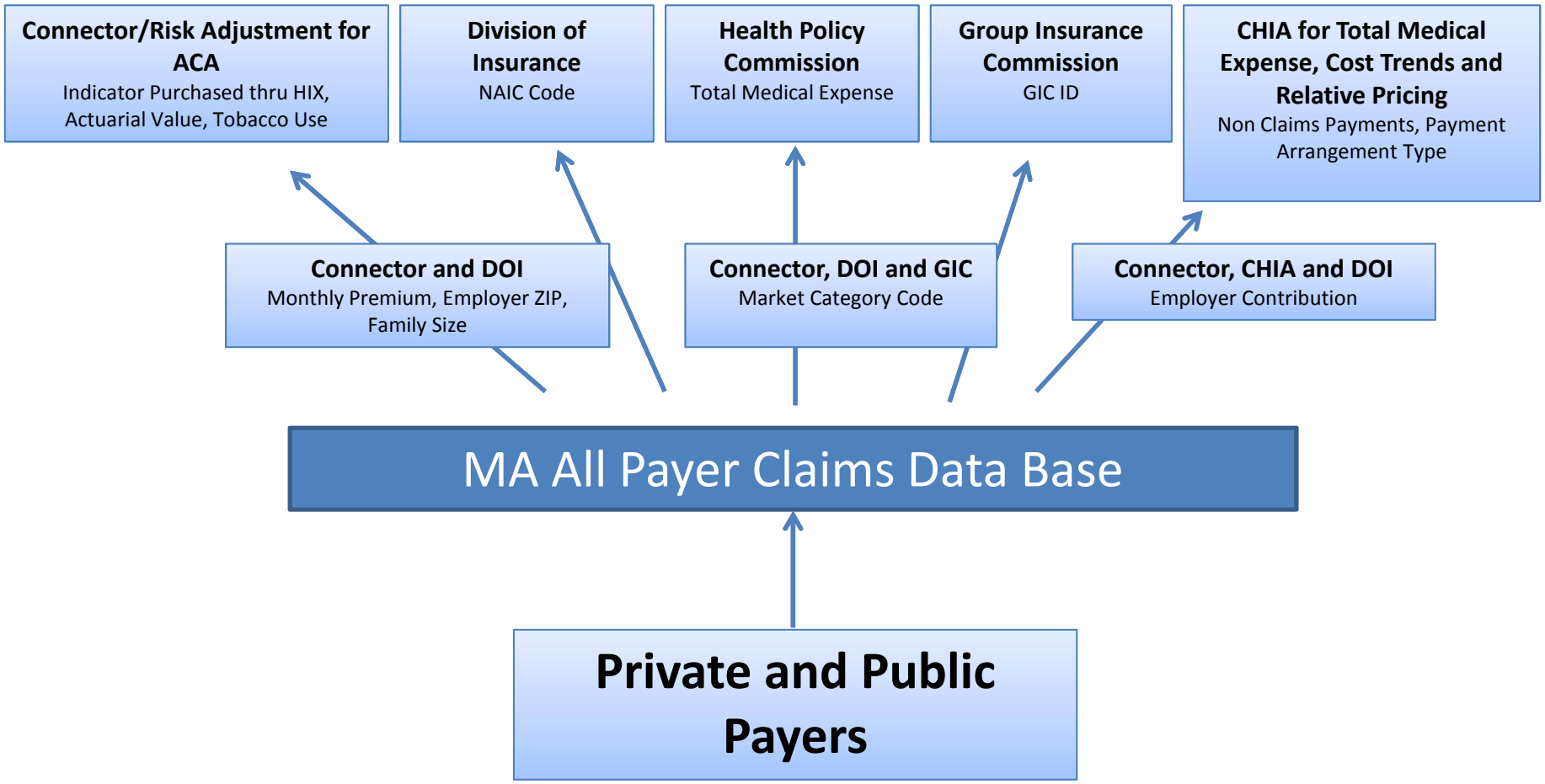
center for health information and analysis

MA All-Payer Claims Database (APCD)

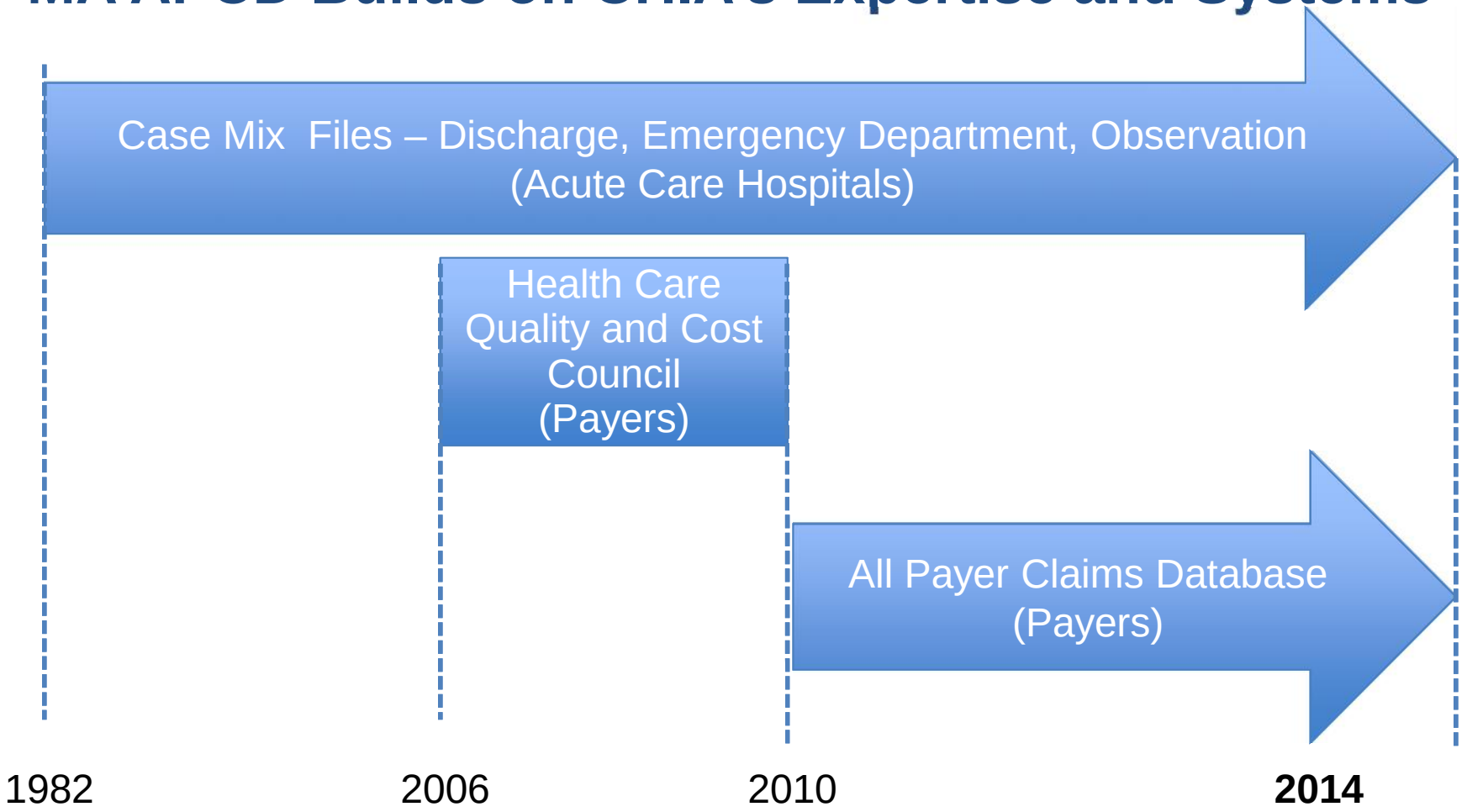
- Intended to simplify the process by which payers submit claims data to various MA state agencies
    - State agencies required, if feasible to use the MA APCD before requesting data directly from payer
- Also intended to benefit carriers by reducing the number of complex, overlapping, and sometimes contradictory requests for data
- Contents
    - Details of medical, pharmacy and dental claims data for the majority of Massachusetts residents, and
    - Details of providers, products, and benefit plans
- Available to state agencies, payers, providers, researchers and others
    - Subject to Federal and State privacy rules and regulations

Administrative Simplification

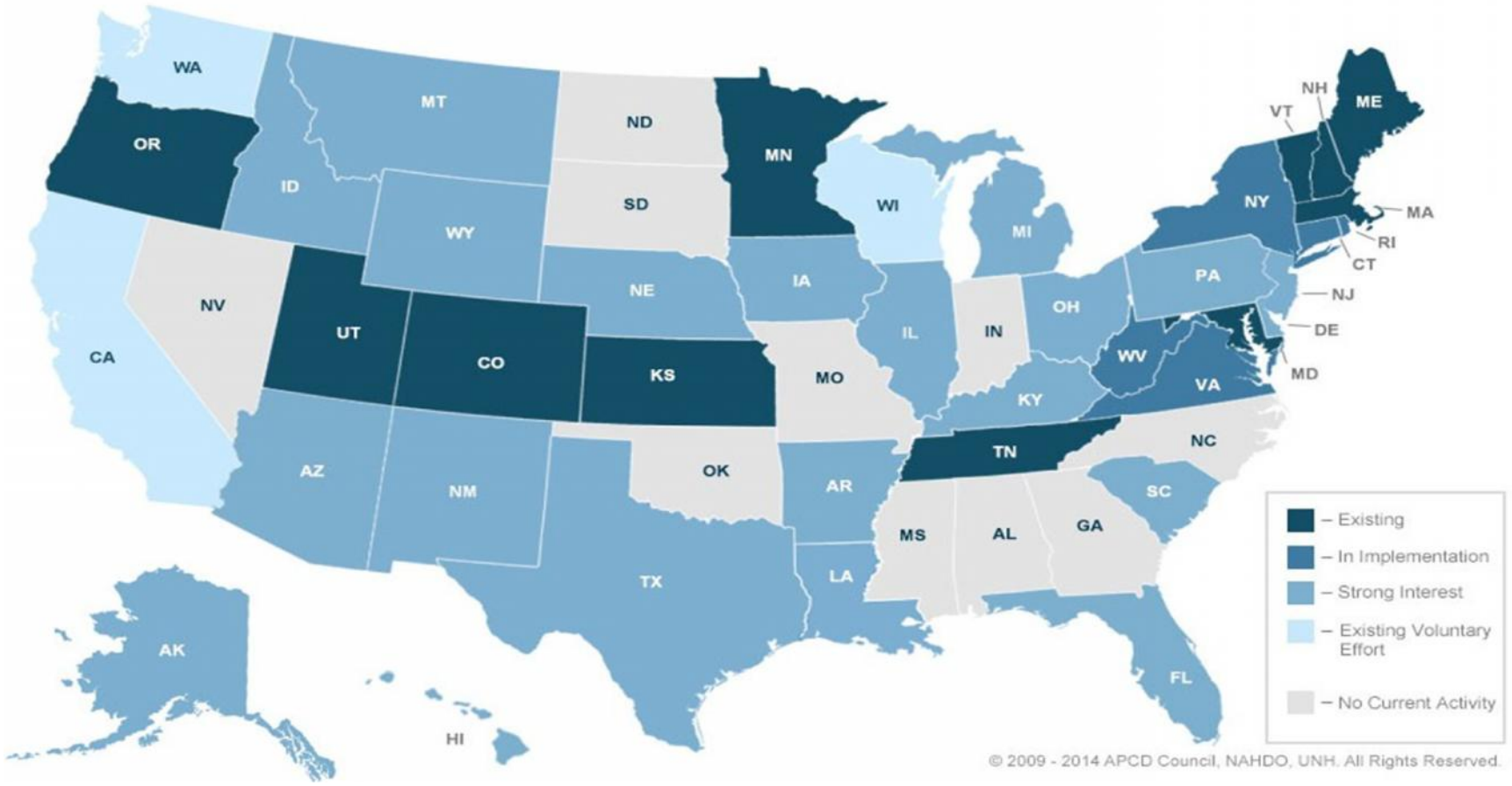
Selected Data Elements in the MA APCD



MA APCD Builds on CHIA's Expertise and Systems

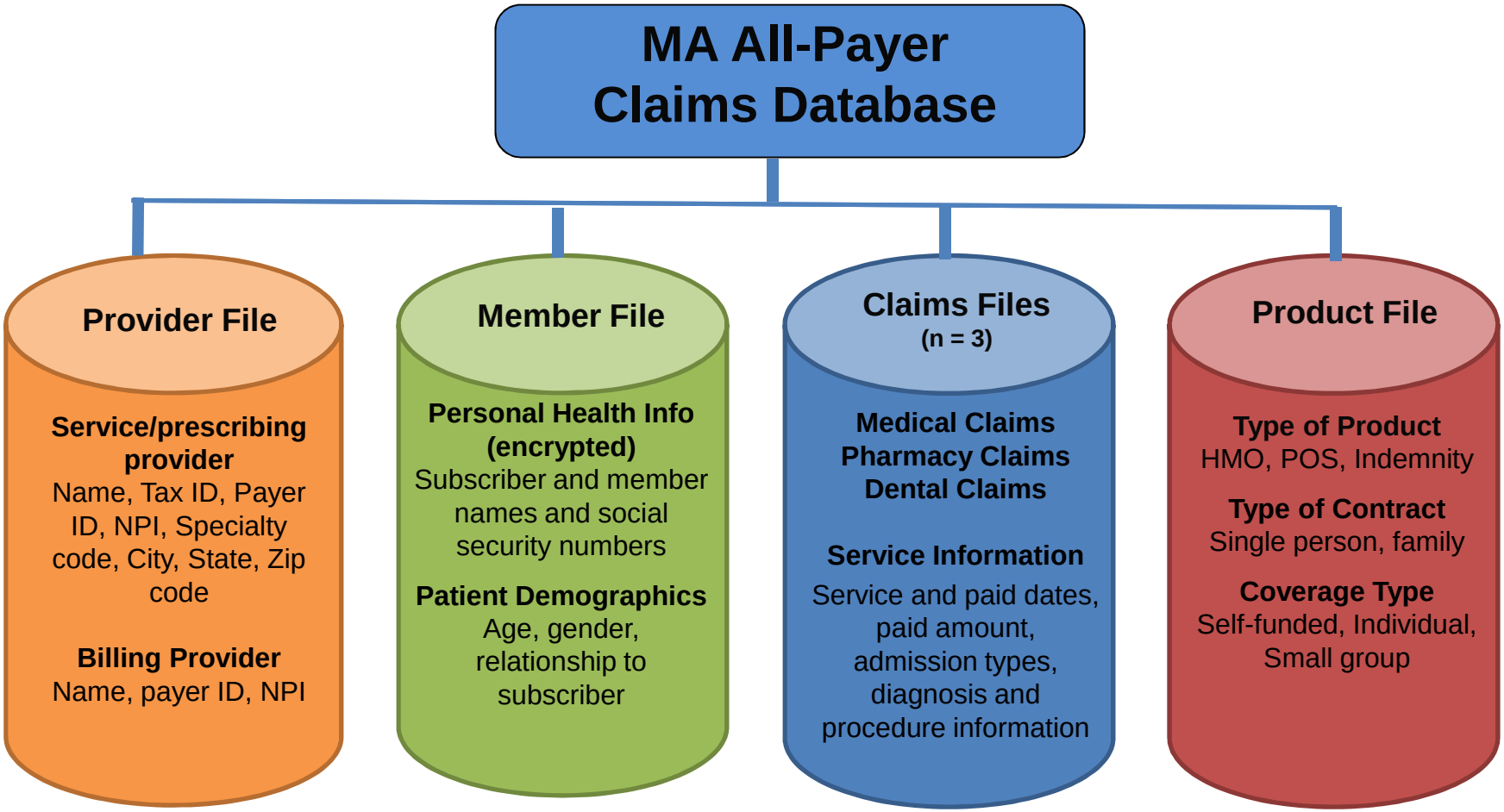


MA APCD is Consistent with a Growing National Trend



The MA APCD is Comprehensive

Files and Selected Elements



More than 88 Payers Submit Data to MA APCD

Concentration Ratios By CY 2012 Claims ($)			
	Medical	**Pharmacy**	**Dental**
Top 5 Payers	76.8%	55.5%	86.1%
Top 10 Payers	90.5%	80.7%	97.5%
Top 15 Payers	96.6%	94.1%	98.8%
Top 20 Payers	98.6%	97.5%	99.3%
Top 25 Payers	99.2%	99.3%	99.7%
No of Additional Payers Submitting	35	21	20
Total Payers by File	60	46	45

Data Presently Available

Release 2.1

Claims with dates of service January 1,2009 - December 31, 2012

- Paid through June 30, 2013
- Self-insured plans beginning 2011

Public and private payers

- Medicare data available to state agencies

Generally covers all Massachusetts residents*, with the following excluded groups:

- Uninsured/self pay
- Workers' Compensation
- TriCare/VA
- Federal Employees Health Benefit Plan
- Small private insurers**

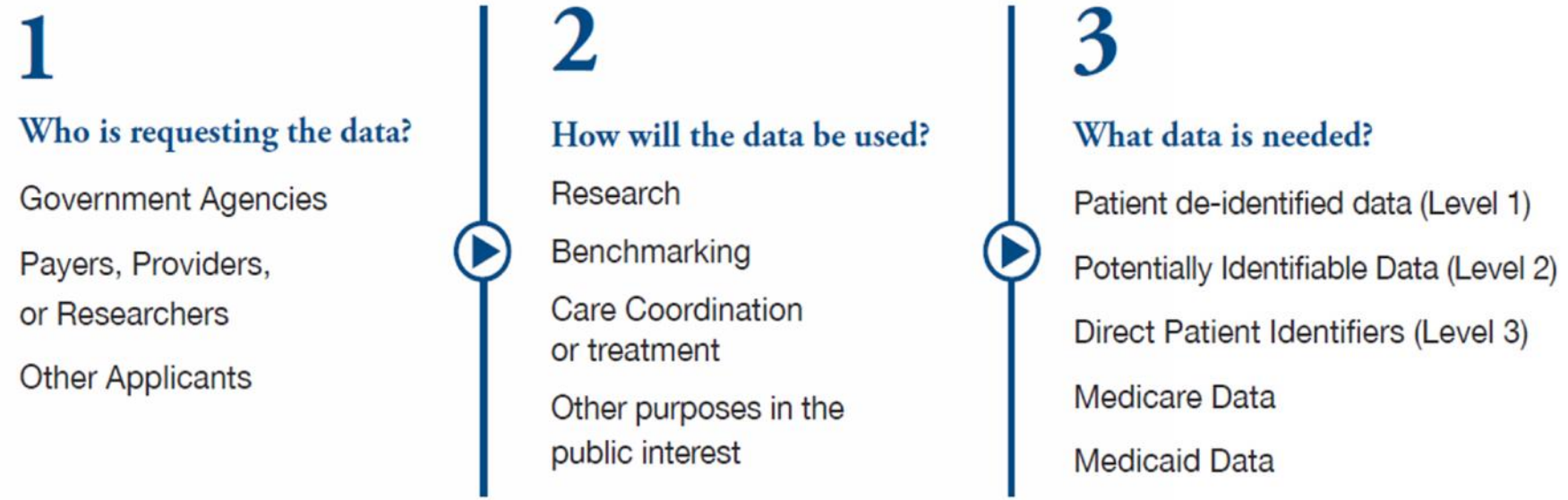
* Includes out of state residents who are GIC members

** CHIA continues to develop regulations concerning minimum data thresholds. Carriers with less than the minimum data threshold would not be required to submit data to the APCD unless they required by DOI or the Connector.

MA APCD Data Release

- Data release is subject to CHIA's data release regulation (957 CMR 5.00) as well as federal and state law
- Requests to use MA APCD data are considered through a multi-layer review process that considers: risk to patient privacy, research and project objectives, and the public interest
- Data is released through custom extracts based on detailed specifications developed by the applicant with the support of CHIA staff
- Data elements are characterized into three levels that determine if they can be released and to whom they can be released:
    - Level 1- de-identified data per federal privacy law
    - Level 2 – elements that pose a risk of re-identification
    - Level 3- elements with direct patient identifiers

Data Release Policies and Procedures Depend on Several Factors



Consult the CHIA website and regulation 957 CMR 5.00 for how these factors apply to your specific circumstances.

Release of Public Payer Data in the MA APCD

MassHealth

- Applications of MassHealth data, including data from the Health Safety Net and the Medicaid Managed Care programs, must be approved by MassHealth.
- Federal law requires restricts use of protected health information of Medicaid recipients to uses the benefit the Medicaid program.

Medicare

- Medicare fee-for-service data may only be shared with state agencies

Multi-Layer Review Process To Assure Transparency and Protection of Patient Privacy

- All applications reviewed by the **Data Privacy Committee**
  - Chaired by CHIA Chief Privacy Officer
  - Staffed by CHIA Chief Security Officer and CHIA data specialists
- Non-government applications, including those from researchers, consultants and others, are further reviewed by **the Data Release Committee**
  - Outside advisory panel of consumers and experts from carriers, providers and research community
  - Considers public interest
  - Applications posted on CHIA website for public comment
- Final decision rests with CHIA Executive Director based on recommendations of these committees

Research Using MA APCD Data

Examples of Approved Applications

- “Studying the Impact of Health Policy on Health Outcomes”
- “Child Health Care Quality Measurement – Core Measure Set Testing”
- “Evaluation of Mass in Motion and the Community Transformation Grants (CTGs)
- “Examination of STD, HIV, and Viral Hepatitis Testing, Treatment, and Screening Trends in Massachusetts”
- “Utilization of Tobacco Treatment in Massachusetts to Quit Smoking”
- “The Effects of Fragmentation in Health Care”

For Further Information

apcd.data@state.ma.us

Thanks for your interest in the Massachusetts
All Payer Claims Database.